Ash Fall Project
AFP-AP-04, Attachment C
Qualification Process Attributes

The process of qualifying unqualified data may consist of any of the five methods or a combination of methods identified in Attachment B. It is not expected that all of these attributes will need to be examined for each data set under review. In certain cases, replication of test results, for example, could provide confidence in data in lieu of specific QA measures such as independent audits. Attributes that may need to be considered in the qualification process are:

1)   Qualifications of personnel or organizations generating the data are comparable to qualification requirements of personnel generating similar data under an approved NQA-1 type QA program.

2)   The technical adequacy of equipment and procedures used to collect and analyze the data.

3)   The extent to which the data demonstrate the properties of interest (e.g., physical, chemical, geologic, mechanical).

4)   The environmental conditions under which the data were obtained if germane to the quality of data.

5)   The quality and reliability of the measurement control program under which the data were generated.

6)   The extent to which the conditions under which the data were generated may partially meet an NQA-1 type QA Program.

7)   Prior uses of the data and associated verification processes.

8)   Prior peer or other professional reviews of the data and their results.

9)   Extent and reliability of the documentation associated with the data.

10)   Extent and quality of corroborating data or confirmatory testing results.

11)   The degree to which independent audits of the process that generated the data were conducted.